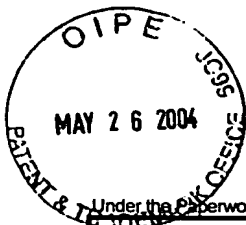


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PTO/SB/21 (08-03)

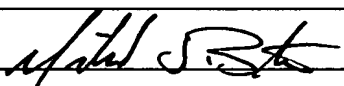
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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/700300-Conf. #2702
		Filing Date	October 31, 2003
		First Named Inventor	Marvin L. VESTAL
		Art Unit	2881
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1	Attorney Docket Number	SY9-195

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): References C1 and C2 Certificate of 1 <sup>st</sup> class mail Post Card
<div style="border: 1px solid black; padding: 5px; min-height: 50px;">         Remarks       </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	LAHIVE & COCKFIELD, LLP Michael J. Bastian, Ph.D. - 47,411
Signature	
Date	May 24, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 24, 2004

Signature:  (Michael J. Bastian, Ph.D.)



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Dated: May 24, 2004

Signature:

  
(Michael J. Bastian, Ph.D.)

Docket No.: SY9-195  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Marvin L. Vestal *et al.*

Application No.: 10/700300

Confirmation No.: 2702

Filed: October 31, 2003

Art Unit: 2881

For: ION SOURCE AND METHODS FOR  
MALDI MASS SPECTROMETRY

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Copies of the Non-Patent Literature Document references C1 and C2 are enclosed.

Copies of the U.S. Patent Document references on the PTO/SB/08 are not provided in accordance with the Official Notice: "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003", 1273 Off. Gaz. Pat. Office 55 (August 5, 2003).

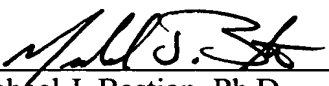
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

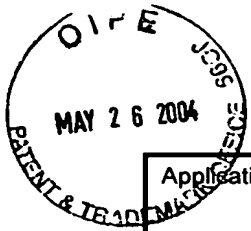
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. SY9-195. A duplicate copy of this paper is enclosed.

Dated: May 24, 2004

Respectfully submitted,

By   
Michael J. Bastian, Ph.D.  
Registration No.: 47,411  
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Application No. (if known): 10/700300

Attorney Docket No.: SY9-195

## Certificate of Mailing Under 37 CFR 1.8

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IDS (Citation) by Applicant



PTO/SB/08a/b (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	SY9-195
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**Complete if Known**

Application Number	10/700300-Conf. #2702
Filing Date	October 31, 2003
First Named Inventor	Marvin L. VESTAL
Art Unit	2881
Examiner Name	Not Yet Assigned
Attorney Docket Number	SY9-195

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-RE37,485	12-25-2001	Vestal	
	A2	US-5,498,545	03-12-1996	Vestal	
	A3	US-5,625,184	04-29-1997	Vestal et al.	
	A4	US-5,627,369	05-06-1997	Vestal et al.	
	A5	US-5,821,063	10-13-1998	Patterson et al.	
	A6	US-5,864,137	01-26-1999	Becker et al.	
	A7	US-5,955,731	09-21-1999	Bergmann et al.	
	A8	US-6,002,127	12-14-1999	Vestal et al.	
	A9	US-6,057,543	05-02-2000	Vestal et al.	
	A10	US-6,281,493	08-28-2001	Vestal et al.	
	A11	US-6,348,688	02-19-2002	Vestal	
	A12	US-6,441,369	08-27-2002	Vestal et al.	
	A13	US-6,504,150	01-07-2003	Verentchikov et al.	
	A14	US-6,512,225	01-28-2003	Vestal et al.	
	A15	US-6,534,764	03-18-2003	Verentchikov et al.	
	A16	US-6,541,765	04-01-2003	Vestal	
	A17	US-6,545,268	04-08-2003	Verentchikov et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	"High-Throughput STR Analysis by Time-of-Flight Mass Spectrometry," John M. Butler, Kathryn M. Stephens, Joseph A. Monforte, Christopher H. Becker, GeneTrace Systems Inc., 1401 Harbor Bay Parkway, Alameda, CA 94502, downloaded August 2003 from <a href="http://www.promega.com">www.promega.com</a> .	
	C2	"STR Analysis by Time-of-Flight Mass Spectrometry" By John M. Butler, Ph.D. GeneTrace Systems Inc., 1401 Harbor Bay Parkway, Alameda, CA, downloaded August 2003 from <a href="http://www.promega.com">www.promega.com</a>	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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